BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer
Dasarahalli Division
EMB

Name of Work :-	Name Of Work:-Construction Of Shreeshakti Bhavan at Abbigere in Ward No 12, Shettyhalli sub division
Est Cost :-	100.00 Lakhs
Job Code :-	012-20-000008
AS :-	EE//DD/AS/212/2019-20 Date 12.02.2020
TS :-	CE//DZ/TS/140/2018-19 Date 22.02.2019
Work Order :-	EE//DD/WO/579/2019-20 Date 16.03.2020
Name of Contractor:-	Sri. Shankarappa M

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Name Of Client	BRUHAT BENGALURU MAHANAGARA PALIKE
Name of Work	Name Of Work:-Construction Of Shreeshakti
Work Order No	EE//DD/WO/579/2019-20 Date 16.03.2020
Name Of Contractor	Sri. Shankarappa M
Job Code No	012-20-000008

Sl No	Description	Unit	No	Length	Width	Depth	Qty
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.						
	Long Walls	Cum	1	40.00	16.00	0.60	384.00
							384.00

10/02/2021
Asst. Engineer
Ward No 12

10/02/2021

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2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.						
	Footings	Cum	14	2.10	2.00	1.65	97.02
	Vertical Wall		2	26.00	1.20	1.50	93.60
	Horizantal Wall		2	9.00	1.20	1.50	32.40
	Sump		1	4.00	3.00	3.00	36.00
	deduct columns		-14	2.10	1.20	1.50	-52.92
							206.10

11/02/2021.
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11/02/2021

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3	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification.						
	Footings	Cum	14	2.10	2.00	0.30	17.64
	Vertical Wall		2	26.00	1.10	0.30	16.87
	Horizantal Wall		2	9.00	1.15	0.30	6.21
							40.72

25/10/21
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Ward No 12

25/10/21

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Name Of Client	BRUHAT BENGALURU MAHANAGARA PALIKE
Name of Work	Name Of Work:-Construction Of Shreeshakti
Work Order No	EE/DD/WO/379/2019-20 Date 16.03.2020
Name Of Contractor	Sri. Shankarappa M
Job Code No	012-20-000008

Sl No	Description	Unit	No	Length	Width	Depth	Qty
4	KSRB 4.1.2 Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs. with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.46cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications						
	Footings	Cum	14	2.10	2.00	0.15	8.82
	Vertical Wall		2	26.00	1.20	0.15	9.36
	Horizantal Wall		2	9.00	1.20	0.15	3.24
	Sump		1	3.30	2.40	0.15	1.19
	For Floor bed		1	26.00	8.60	0.15	33.54
							56.15

6/11/21 Executed 6/11/21
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5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.						
	Step -1						
	Vertical Wall	Cum	2	26.00	0.90	0.45	21.06
	Horizantal Wall		2	9.00	0.90	0.45	7.29
	Step -1						
	Vertical Wall	Cum	2	26.00	0.75	0.45	17.55
	Horizantal Wall		2	9.00	0.75	0.45	6.08
							51.98

15/11/21 Executed 15/11/21
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Ward No 12

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Shettyhalli Sub-Division

6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.						
	Basment						
	Vertical Wall	Cum	2	26.00	0.50	0.45	11.70
	Horizantal Wall		2	9.00	0.50	0.45	4.05
							15.75

18/11/21 Executed 18/11/21
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Name Of Client		BRUHAT BENGALURU MAHANAGARA PALIKE					
Name of Work		Name Of Work:-Construction Of Shreeshakti					
Work Order No		EE//DD/WO/579/2019-20 Date 16.03.2020					
Name Of Contractor		Sri. Shankarappa M					
Job Code No		012-20-000008					
Sl No	Description	Unit	No	Length	Width	Depth	Qty
7	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.						
	Vertical Wall	Sqm	2	26.00		0.45	23.40
	Horizantal Wall		2	9.00		0.45	8.10
							31.50

20/11/21 Executed 20/11/21

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9	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.						
	As per Iteam No 2	Cum	Qty Vide Item No 2				206.10
	Basment Up Plinth level		1	26.00	9.00	0.6	140.40
							346.50

25/11/21 Executed 25/11/21

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ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

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Name Of Client	BRUHAT BENGALURU MAHANAGARA PALIKE
Name of Work	Name Of Work:-Construction Of Shreeshakti
Work Order No	EE//DD/WO/579/2019-20 Date 16.03.2020
Name Of Contractor	Sri. Shankarappa M
Job Code No	012-20-000008

Sl No	Description	Unit	No	Length	Width	Depth	Qty
10	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.						
	Footings	Cum	14	2.10	2.00	0.60	35.28
	Padestal		14	1.20	0.90	0.45	6.80
	Columns up to Roof		12	0.60	0.23	4.00	6.62
	Circle Columns		2	0.28		4.00	2.26
	Plinth Beam						
	Vertical Wall		2	26.00	0.23	0.45	5.38
	Horizantal Wall		7	9.00	0.23	0.45	6.52
	Lintel Beam						
	Vertical Wall		2	21.00	0.23	0.15	1.45
	Horizantal Wall		2	9.00	0.23	0.15	0.62
	Roof Beams						
	Vertical Wall		1	25.00	0.23	0.45	2.59
			1	21.00	0.23	0.45	2.17
	Horizantal Wall		7	9.00	0.23	0.45	6.52
	Stair W Slab		2	3.10	1.20	0.15	1.12
	Mid lands		1	2.40	1.20	0.15	0.43
	Steps	0.50	20	1.20	0.30	0.15	0.54
	Roof Slab		1	23.60	9.00	0.15	31.86
	Sump Btm		1	3.30	2.40	0.15	1.19
	Sump wall allround		1	11.40	0.15	2.10	3.59
	Cover Slab		1	3.30	2.40	0.15	1.19
							116.14

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Work Order No	EE//DD/WO/579/2019-20 Date 16.03.2020
Name Of Contractor	Sri. Shankarappa M
Job Code No	012-20-000008

Sl No	Description	Unit	No	Length	Width	Depth	Qty
11	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications.						
	Chajjas	Sqm	10	2.40	0.60		14.40
							14.40

12/12/21 Excess: SW 12/12/21.

Asst. Engineer
Ward No 12

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Asst. Executive Engineer
Shettyhalli Sub Division
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12	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500						
Dia	Description	No/I	No/ Bars	Length	T.L	Weight/ Mtr	T.W
12mm	Footings	14	15.00	2.40	504.00	0.89	447.55
12mm		14	14.00	2.30	450.80	0.89	400.31
25mm	Columns	12	4.00	5.05	242.40	3.86	935.66
20mm		12	4.00	4.90	235.20	2.47	580.94
16mm		12	2.00	4.90	117.60	1.58	185.81
8mm	Rings	12	32.00	1.26	483.84	0.40	193.54
		12	32.00	1.06	407.04	0.40	162.82
20mm	Circle Columns	2	4.00	4.90	39.20	2.47	96.82
16mm		2	4.00	4.90	39.20	1.58	61.94
8mm	Rings	12	32.00	0.95	364.80	0.40	145.92
	Plinth Beam						
12mm	Vertical Beams	2	6.00	26.35	316.20	0.89	280.79
8mm	Rings	2	132.00	1.26	332.64	0.40	133.06
12mm	Horizantal Beams	7	6.00	9.30	390.60	0.89	346.85
8mm	Rings	2	47.00	1.26	118.44	0.40	47.38
	Lintel Beam						
12mm	Vertical Beams	2	4.00	21.00	168.00	0.89	149.18
8mm	Rings	2	105.25	0.97	203.13	0.40	81.25
12mm	Horizantal Beams	6	4.00	9.30	223.20	0.89	198.20
8mm	Rings	2	47.00	0.97	90.71	0.40	36.28
	Roof Beams						
25mm	Vertical Beams	2	2.00	26.30	105.20	3.86	406.07
20mm		2	2.00	26.30	105.20	2.47	259.84
16mm		2	2.00	26.30	105.20	1.58	166.22
12mm		2	2.00	26.30	105.20	0.89	93.42
8mm	Rings	2	176.00	1.26	443.52	0.40	177.41
25mm	Horizantal Beams	7	2.00	26.30	368.20	3.86	1421.25
20mm		7	2.00	26.30	368.20	2.47	909.45
16mm		7	2.00	26.30	368.20	1.58	581.76

5/11/21 Excess: SW

20/11/21 Excess: SW

6/12/21 Excess: SW

25/12/21 Excess: SW

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Name Of Client	BRUHAT BENGALURU MAHANAGARA PALIKE
Name of Work	Name Of Work:-Construction Of Shreeshakti
Work Order No	EE//DD/WO/579/2019-20 Date 16.03.2020
Name Of Contractor	Sri. Shankarappa M
Job Code No	012-20-000008

Sl No	Description	Unit	No	Length	Width	Depth	Qty
12mm		7	2.00	26.30	368.20	0.89	326.96
8mm	Rings	7	176.00	1.26	1552.32	0.40	620.93
12mm	Roof Slab Main Bars	1	72.00	26.30	1893.60	0.89	1681.52
10mm	Dist Bars	1	132.00	9.30	1227.60	0.62	757.43
12mm	Sump U Bars	1	17.00	7.50	127.50	0.89	113.22
12mm		1	23.00	6.60	151.80	0.89	134.80
12mm	Cover Slab	1	17.00	3.30	56.10	0.89	49.82
12mm		1	23.00	2.40	55.20	0.89	49.02
							12233.41
							12.23

25/12/21

25/12/21

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13	KSRB 4.6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.						
	Footings	Sqm	14	8.20		0.60	68.88
	PadestalAll round		14	4.20		0.45	26.46
	Coloumns		12	1.66		4.00	79.68
	Circle Columns		2	0.95		4.00	7.60
							182.62

6/11/21

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Work Order No	EE//DD/WO/579/2019-20 Date 16.03.2020
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Job Code No	012-20-000008

Sl No	Description	Unit	No	Length	Width	Depth	Qty
14	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications						
	Plinth Beam	Sqm					
	Vertical Wall	2	2	26.00		0.45	46.80
	Horizantal Wall	2	7	9.00		0.45	56.70
	Lintel Beam						
	Vertical Wall	2	2	21.00		0.15	12.60
	Horizantal Wall	2	2	9.00		0.15	5.40
	Roof Beams						
	Vertical Wall	2	1	25.00		0.45	22.50
	Btm		1	25.00	0.23		5.75
	Vertical Wall	2	1	21.00		0.45	18.90
	Btm		1	21.00	0.23		4.83
	Horizantal Wall	2	7	9.00		0.45	56.70
	Btm		7	9.00	0.23		14.49
	Sump wall allround	2	1	11.40		2.10	23.94
							268.61

19/11/21
11/12/21
23/12/21

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15	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications.						
	Chajjas	Sqm	10	2.10	0.60		12.60
							12.60

11/12/21

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16	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton.						
	Stair W Slab	Sqm	2	3.10	1.20		7.44
	Mid lands		1	2.40	1.20		2.88
	Steps	0.50	20	1.20		0.15	1.80
							12.12

23/12/21

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Sl No	Description	Unit	No	Length	Width	Depth	Qty
17	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.						
	Roof Slab	Sqm	1	23.60	9.00		212.40
	Sump Cover Slab		1	3.30	2.40		7.92
							220.32

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18	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqmm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.						
	Vertical Wall	Sqm	2	21.00		2.80	117.60
	Horizantal Wall		2	9.00		2.80	50.40
	Deductions						
	Door		-2	1.8		2.10	-7.56
	Windows		-12	2.0		1.20	-28.80
							131.64

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Certificate

1 Certified That tha work done is Satisfactorily.
2 There is no departmental issues by BBMP.

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